

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
 Data File : BF079579.D
 Acq On : 30 May 2015 00:24
 Operator : TP/IZ
 Sample : G2438-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OM-SP-002-150528

Quant Time: May 30 01:19:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 23:13:06 2015
 Response via : Initial Calibration

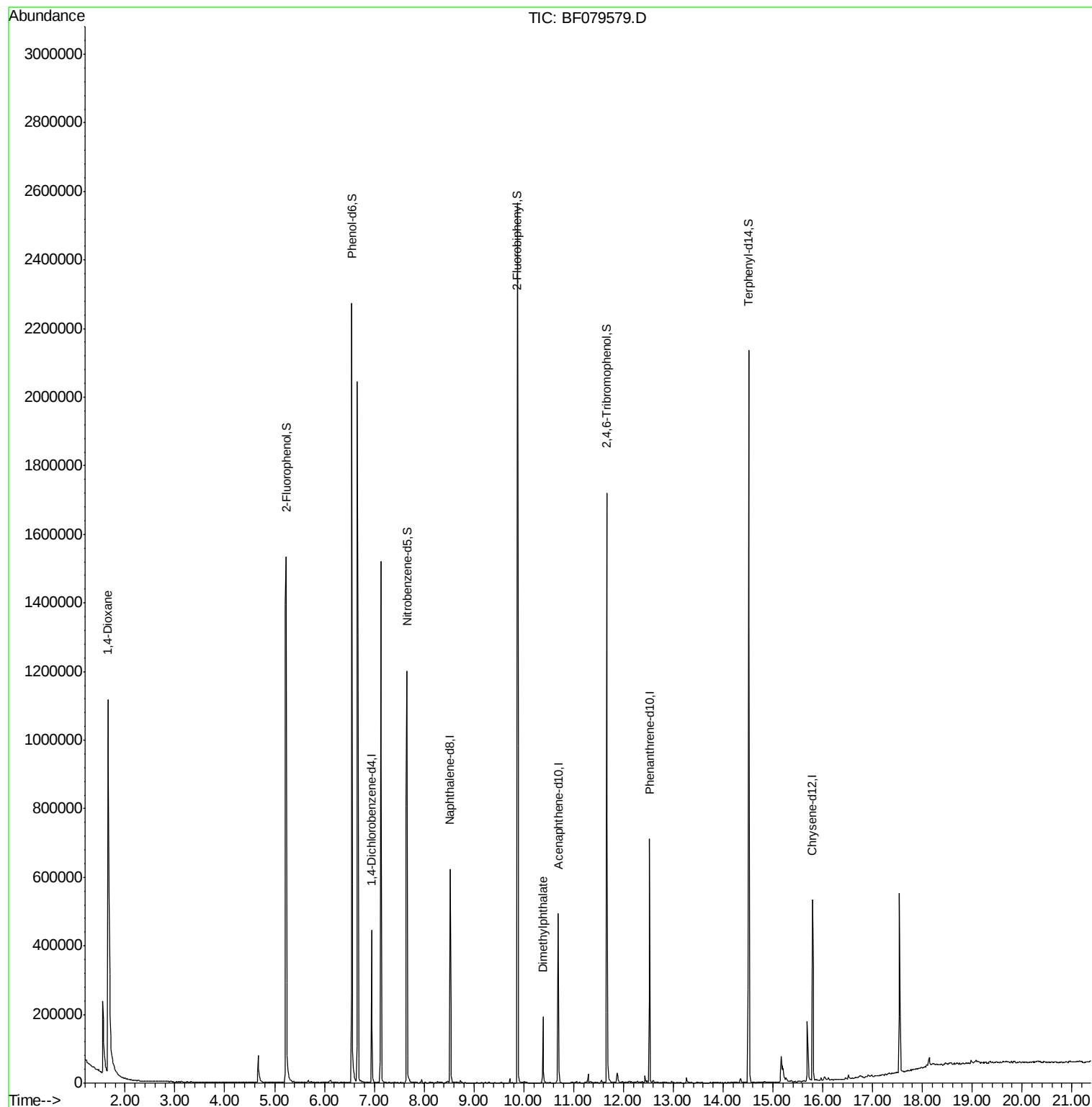
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	78617	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	315806	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	152766	20.00	ng	0.00
63) Phenanthrene-d10	12.52	188	293377	20.00	ng	0.00
75) Chrysene-d12	15.79	240	242765	20.00	ng	-0.08
86) Perylene-d12	0.00	264	0	0.00	ng	-17.81
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	717944	158.39	ng	0.00
7) Phenol-d6	6.55	99	861075	149.04	ng	0.00
23) Nitrobenzene-d5	7.66	82	513835	94.05	ng	0.00
41) 2,4,6-Tribromophenol	11.67	330	269620	160.69	ng	-0.01
44) 2-Fluorobiphenyl	9.87	172	909562	84.94	ng	-0.01
78) Terphenyl-d14	14.51	244	932909	90.19	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.66	88	57851	26.83	ng	# 100
49) Dimethylphthalate	10.39	163	84447	7.50	ng	98
73) Di-n-butylphthalate	13.29	149	380	Below Cal	#	78

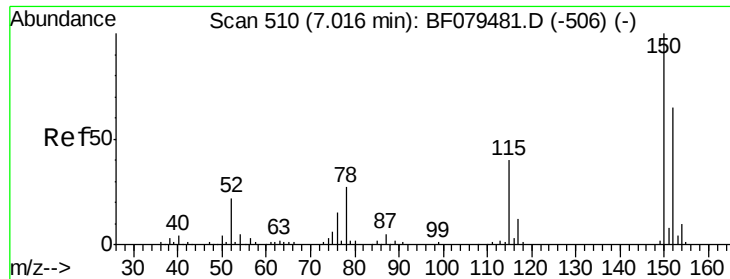
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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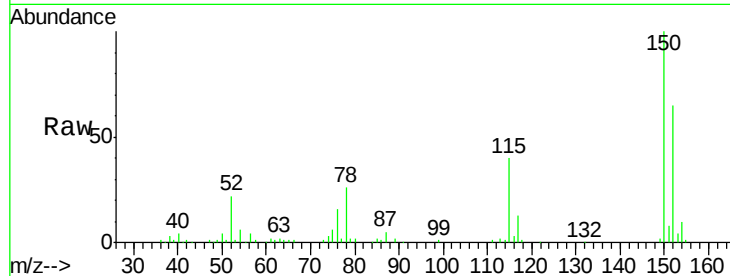




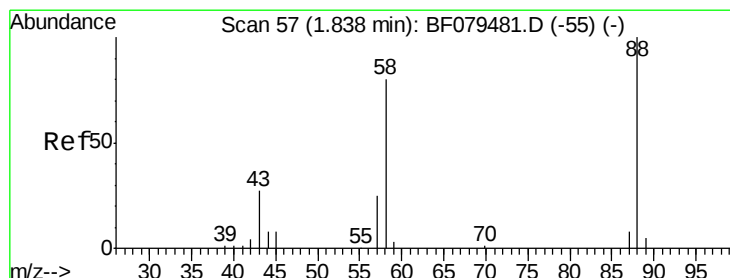
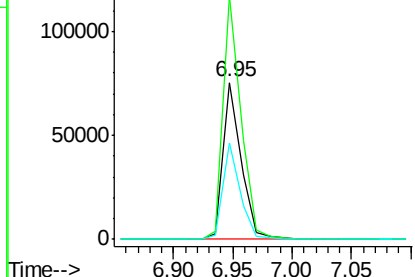
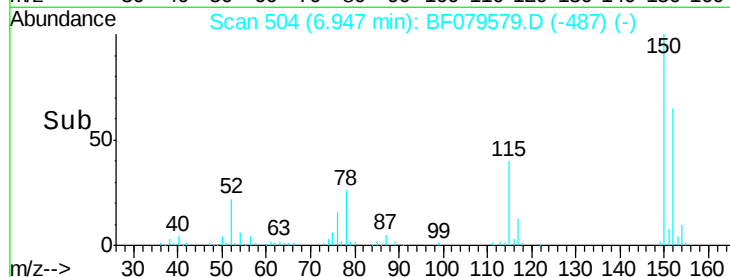
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.95 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF079579.D
 Acq: 30 May 2015 00:24

Instrument :
 BNA_F
 ClientSampleId :
 OM-SP-002-150528

Tgt Ion:152 Resp: 78617
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.0 186.0
 115 61.6 49.6 74.4

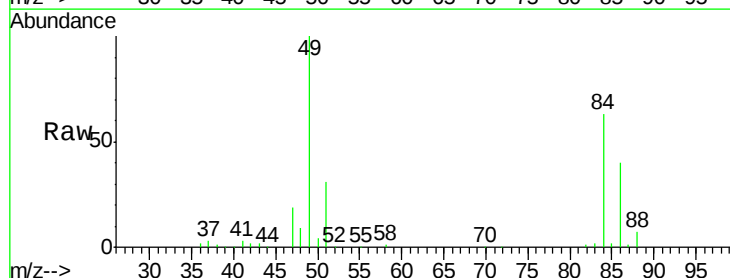


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

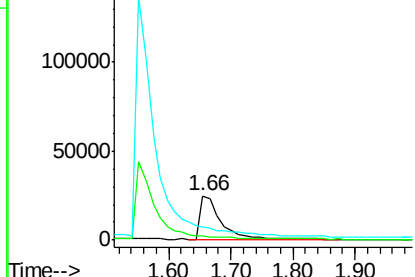
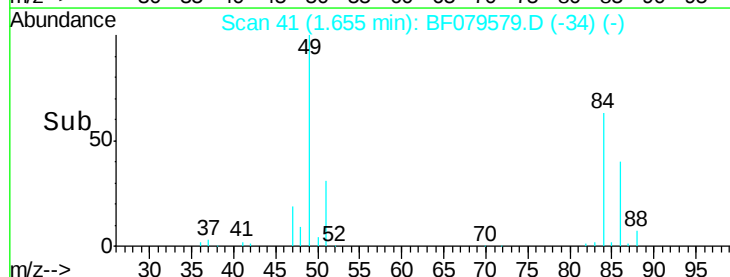


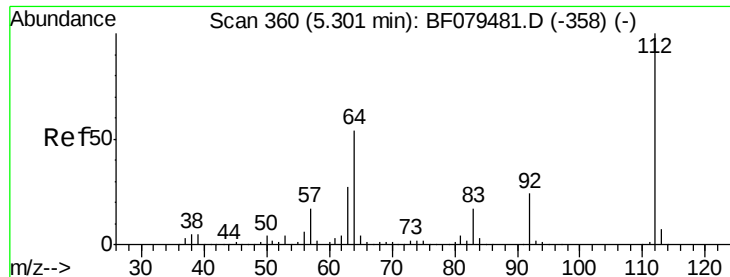
#2
 1,4-Dioxane
 Concen: 26.83 ng
 RT: 1.66 min Scan# 41
 Delta R.T. -0.11 min
 Lab File: BF079579.D
 Acq: 30 May 2015 00:24

Tgt Ion: 88 Resp: 57851
 Ion Ratio Lower Upper
 88 100
 58 0.0 0.0 0.0
 43 0.0 0.0 0.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 158.39 ng

RT: 5.23 min Scan# 354

Delta R.T. -0.00 min

Lab File: BF079579.D

Acq: 30 May 2015 00:24

Instrument :

BNA_F

ClientSampleId :

OM-SP-002-150528

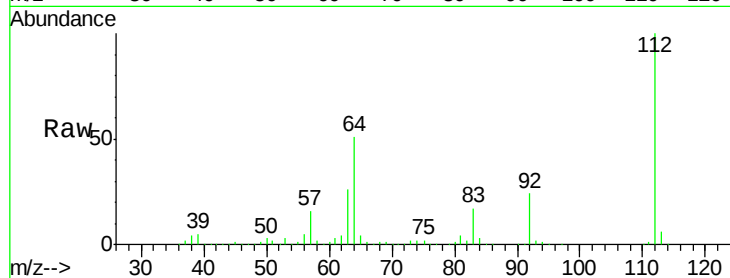
Tgt Ion: 112 Resp: 717944

Ion Ratio Lower Upper

112 100

64 50.9 43.5 65.3

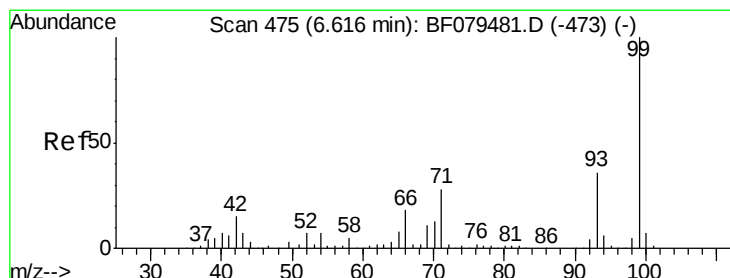
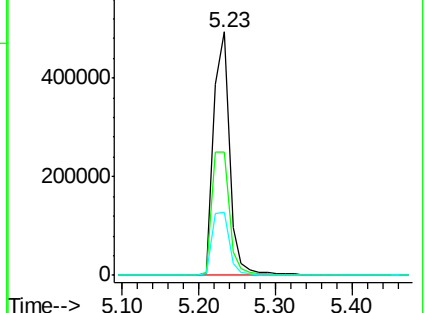
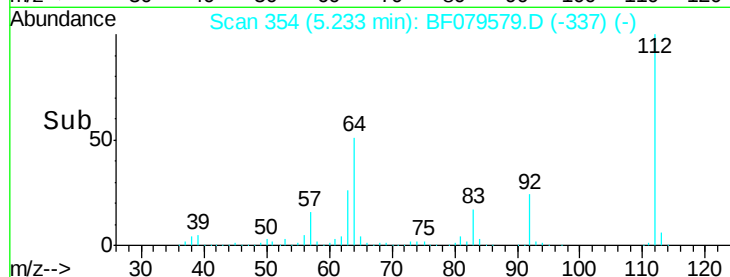
63 25.7 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 149.04 ng

RT: 6.55 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF079579.D

Acq: 30 May 2015 00:24

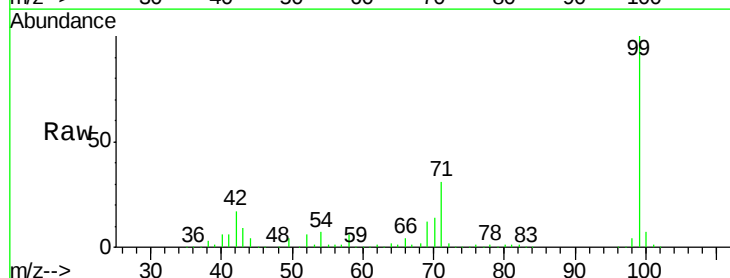
Tgt Ion: 99 Resp: 861075

Ion Ratio Lower Upper

99 100

42 17.2 11.9 17.9

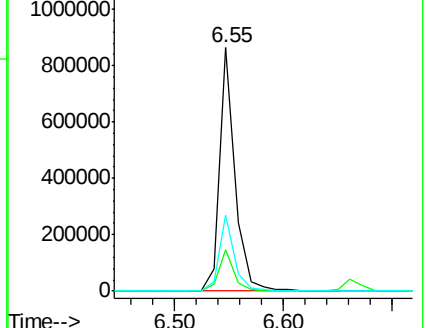
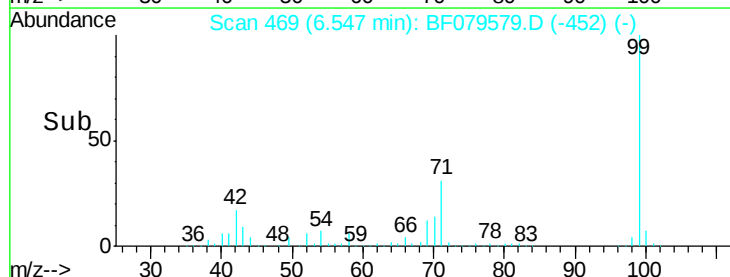
71 31.3 22.1 33.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

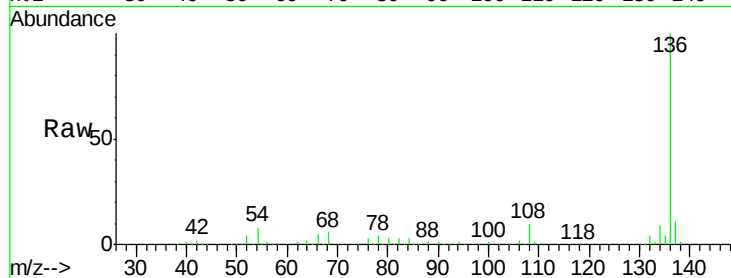




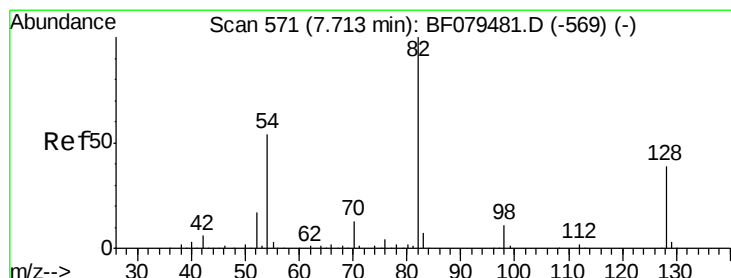
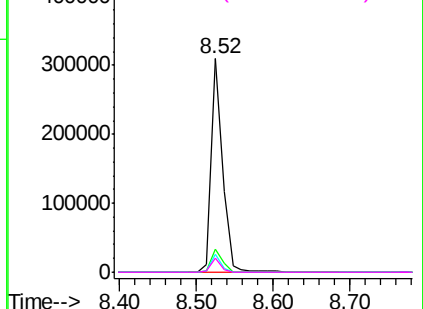
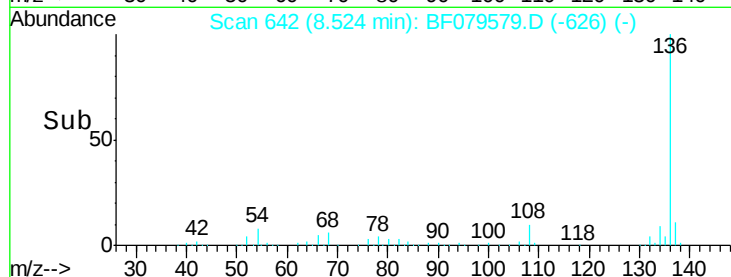
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF079579.D
Acq: 30 May 2015 00:24

Instrument :
BNA_F
ClientSampleId :
OM-SP-002-150528

Tgt Ion:	136	Resp:	315806
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	8.3	6.6	9.8
68	6.4	4.7	7.1

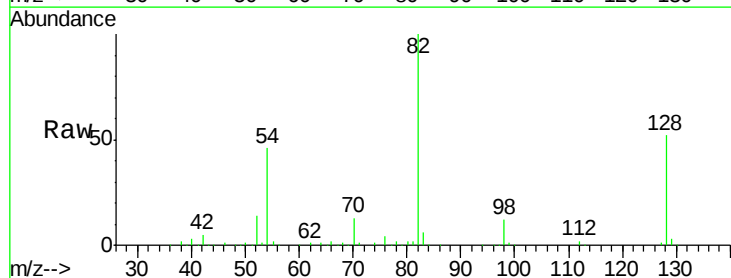


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

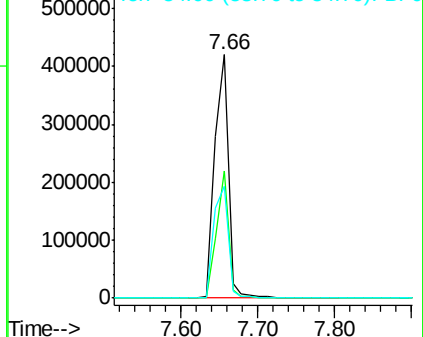
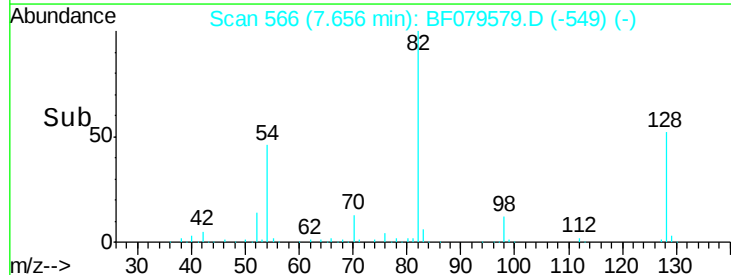


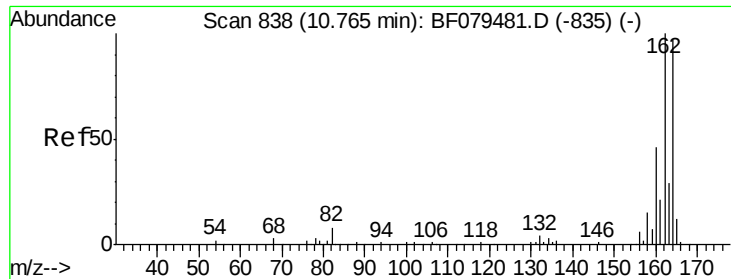
#23
Nitrobenzene-d5
Concen: 94.05 ng
RT: 7.66 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF079579.D
Acq: 30 May 2015 00:24

Tgt Ion:	82	Resp:	513835
Ion	Ratio	Lower	Upper
82	100		
128	52.2	30.8	46.2#
54	45.7	42.8	64.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

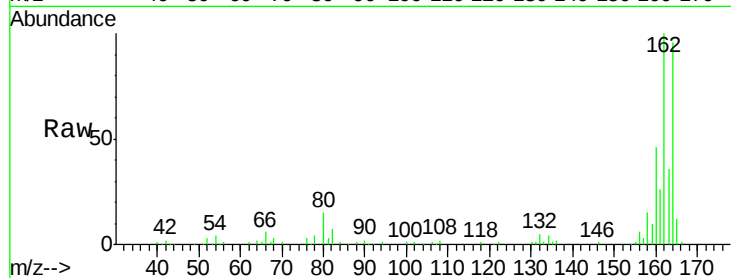




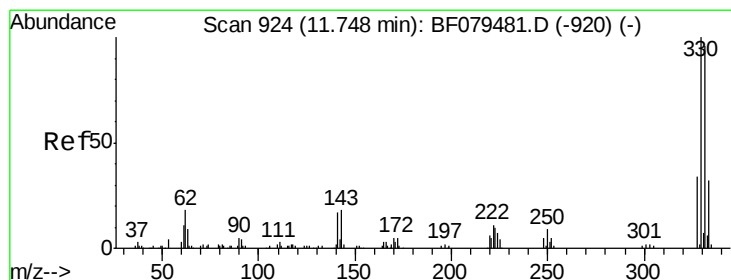
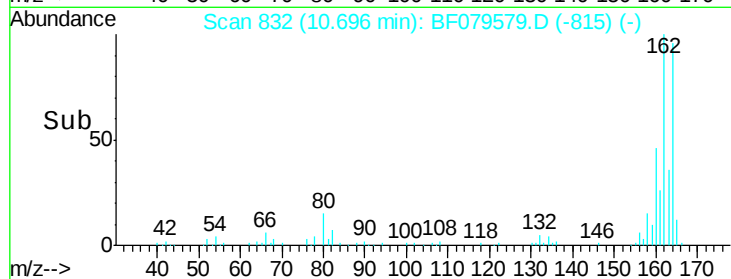
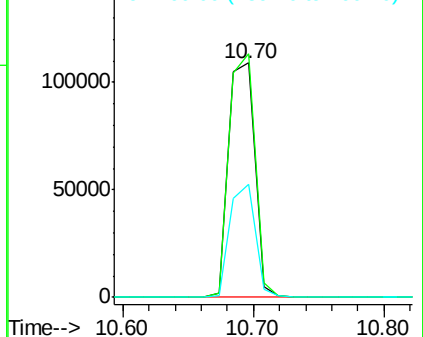
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.70 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF079579.D
 Acq: 30 May 2015 00:24

Instrument :
 BNA_F
 ClientSampleId :
 OM-SP-002-150528

Tgt Ion:164 Resp: 152766
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.6 124.0
 160 48.1 37.7 56.5

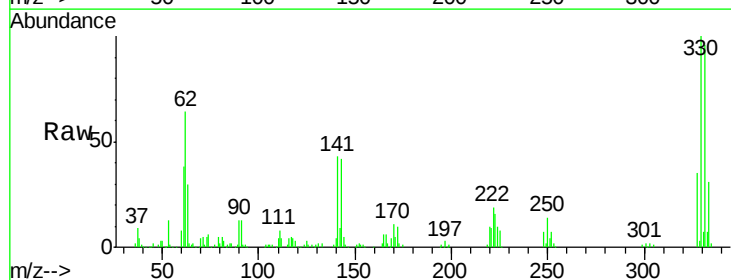


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

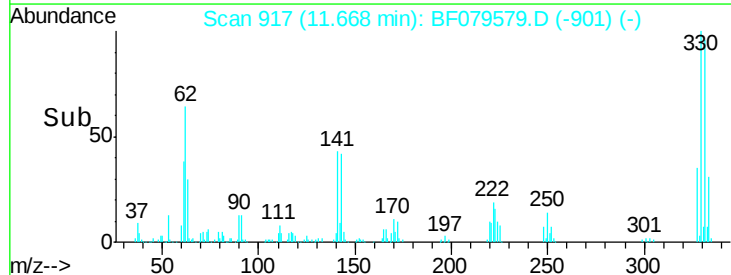
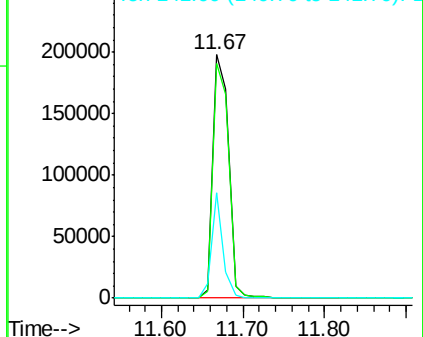


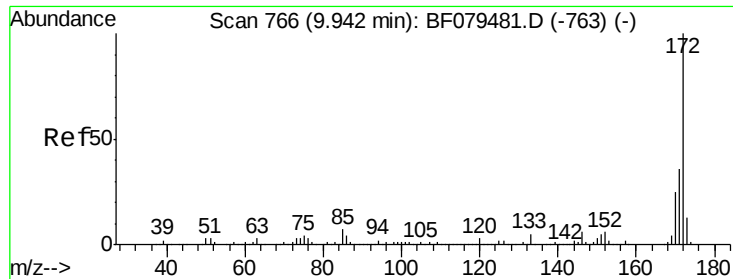
#41
 2,4,6-Tribromophenol
 Concen: 160.69 ng
 RT: 11.67 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF079579.D
 Acq: 30 May 2015 00:24

Tgt Ion:330 Resp: 269620
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 31.0 0.0 0.0#



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

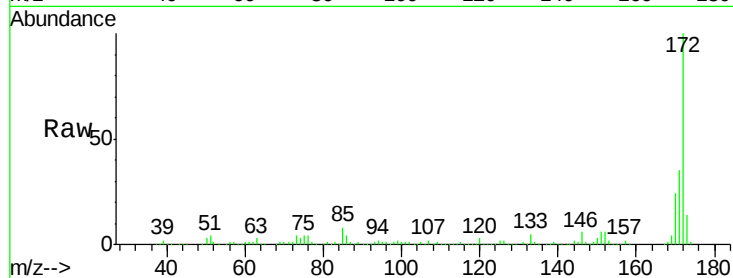




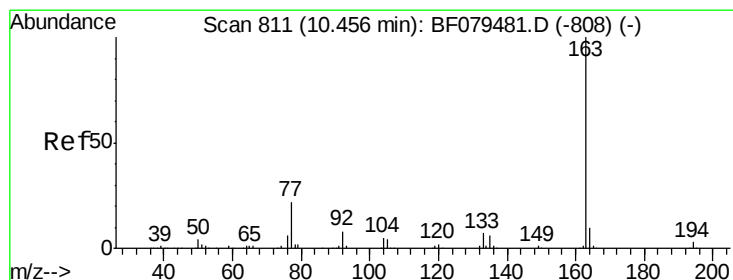
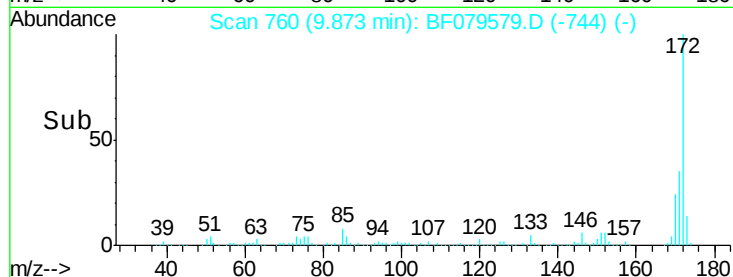
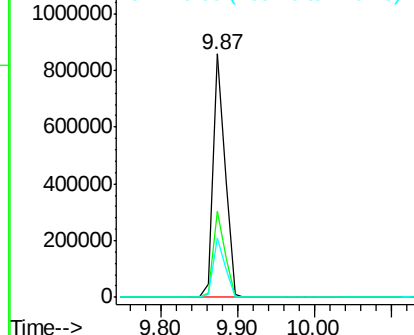
#44
 2-Fluorobiphenyl
 Concen: 84.94 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF079579.D
 Acq: 30 May 2015 00:24

Instrument :
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 OM-SP-002-150528

Tgt Ion:172 Resp: 909562
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 24.1 19.7 29.5

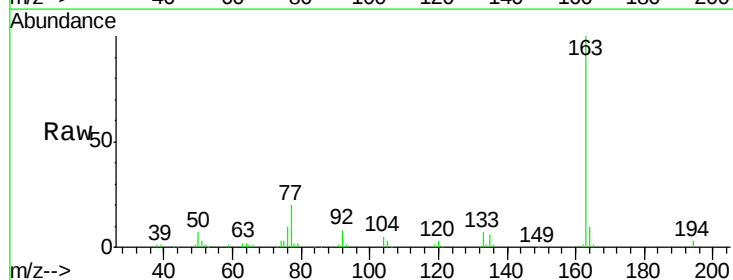


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

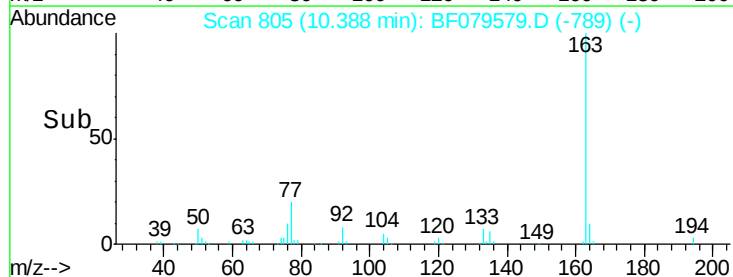
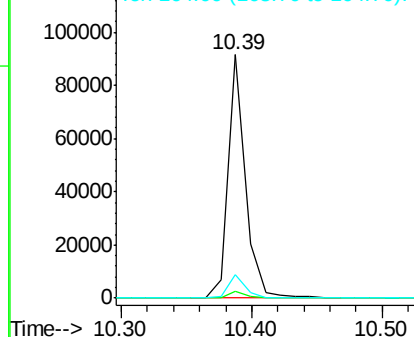


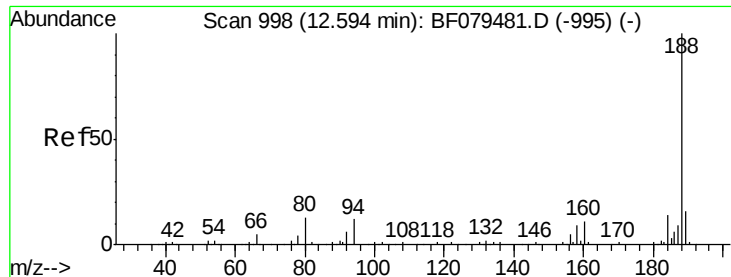
#49
 Dimethylphthalate
 Concen: 7.50 ng
 RT: 10.39 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF079579.D
 Acq: 30 May 2015 00:24

Tgt Ion:163 Resp: 84447
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.4 3.6
 164 9.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

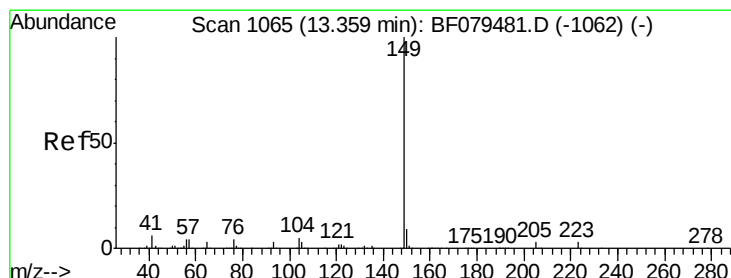
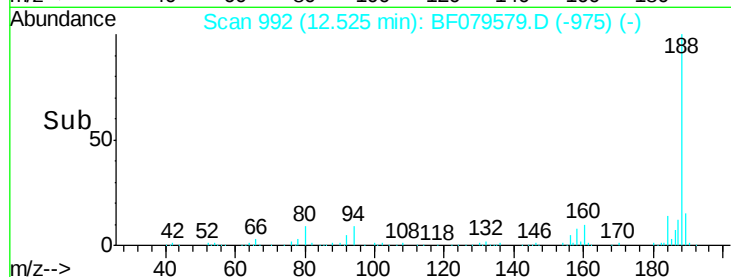
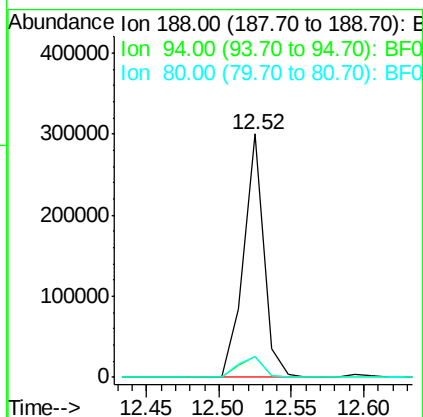
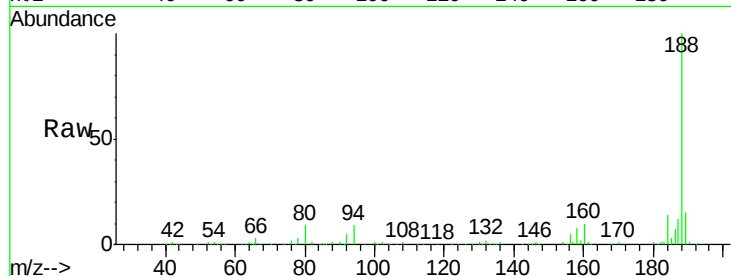




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.52 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF079579.D
 Acq: 30 May 2015 00:24

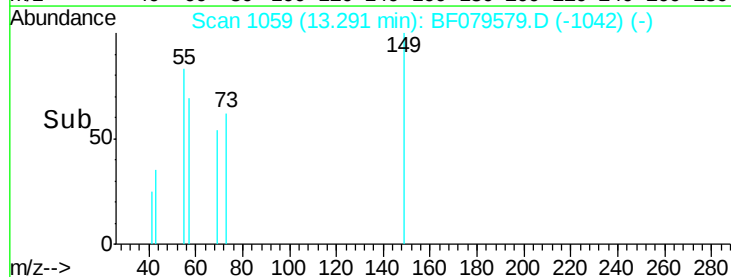
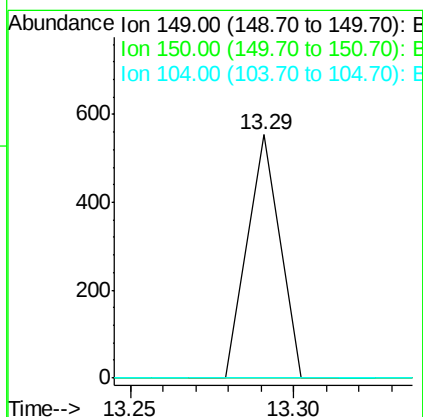
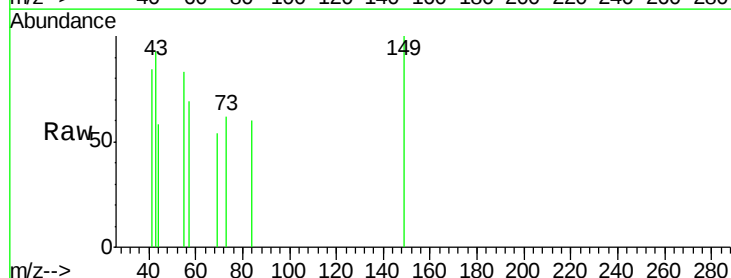
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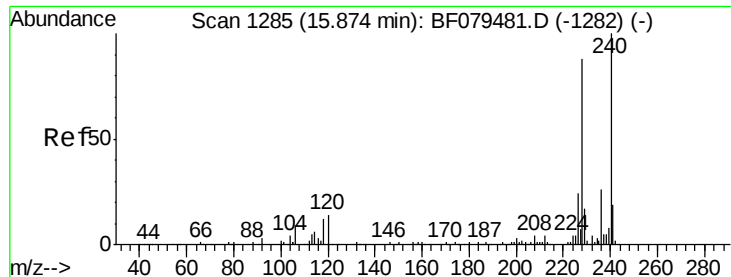
Tgt Ion:188 Resp: 293377
 Ion Ratio Lower Upper
 188 100
 94 8.7 9.8 14.6#
 80 8.6 10.5 15.7#



#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 13.29 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF079579.D
 Acq: 30 May 2015 00:24

Tgt Ion:149 Resp: 380
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.5 11.3#
 104 0.0 3.6 5.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.79 min Scan# 1278

Delta R.T. -0.08 min

Lab File: BF079579.D

Acq: 30 May 2015 00:24

Instrument :

BNA_F

ClientSampleId :

OM-SP-002-150528

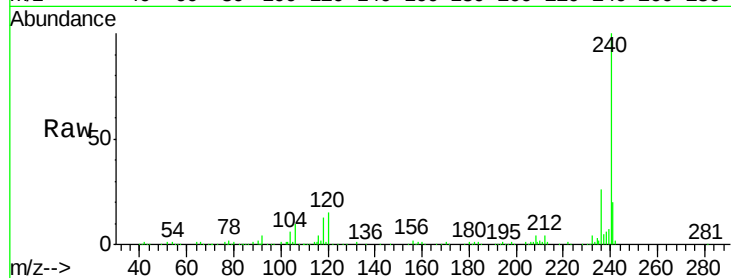
Tgt Ion:240 Resp: 242765

Ion Ratio Lower Upper

240 100

120 14.9 10.8 16.2

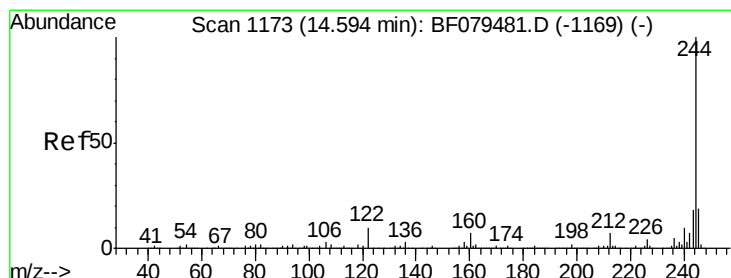
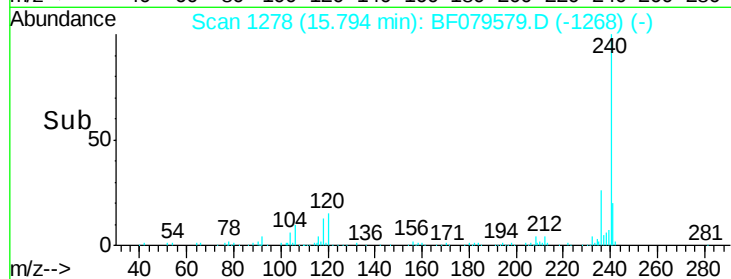
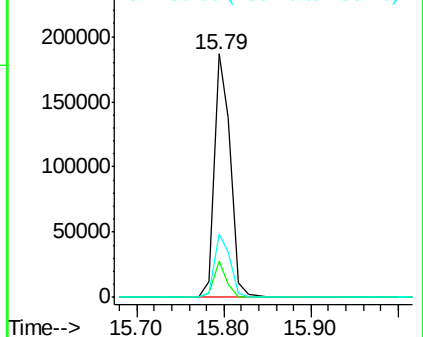
236 26.2 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 90.19 ng

RT: 14.51 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF079579.D

Acq: 30 May 2015 00:24

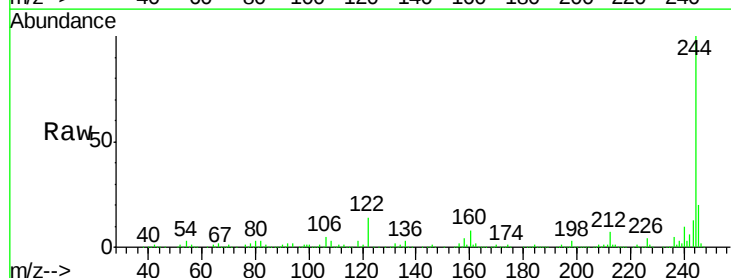
Tgt Ion:244 Resp: 932909

Ion Ratio Lower Upper

244 100

212 6.9 5.2 7.8

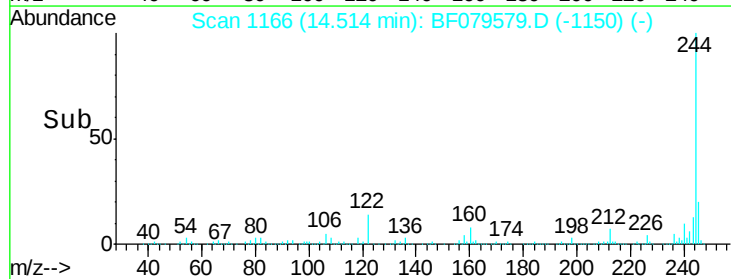
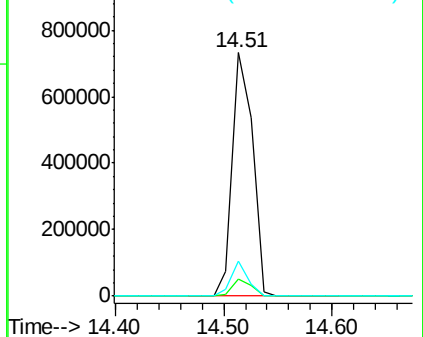
122 14.5 8.0 12.0#

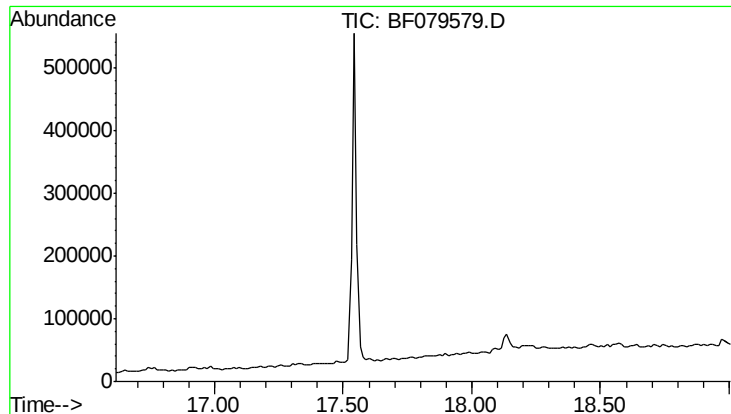


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 0.00 ng
Expected RT: 17.81 min

Lab File: BF079579.D
Acq: 30 May 2015 00:24

Instrument :
BNA_F
ClientSampleId :
OM-SP-002-150528

Tgt Ion: 264
Sig Exp Ratio
264 100
260 24.8
265 22.2

